1. $512 + 730 =$ _____

2. $55 + 65 + 75 + 85 =$ _____

3. $34 \times 11 =$ _____

4. $18 + 2 \times 5 =$ _____

5. $3.14 + 4.13 =$ _____ (decimal)

6. $15^2 =$ _____

7. $(3 + 4) + (30 + 40) + (300 + 400) =$ _____

8. $17 \times 8 =$ _____

9. $48 \div 4 =$ _____

* 10. $473 + 593 + 617 + 778 =$ _____

11. Find the mode of 6, 8, 7, 4, 3, 6, 7, 8, and 7. _____

12. $\dfrac{3}{4} - \dfrac{5}{16} =$ _____ (fraction)

13. $1.2 \times 0.7 =$ _____ (decimal)

14. $1 + 2 + 3 + 4 + ... + 14 =$ _____

15. $5000 - 3742 =$ _____

16. MMXVII = _____ (Arabic numerals)

17. $\dfrac{1}{2} + \dfrac{1}{2} + \dfrac{1}{2} + \dfrac{1}{2} =$ _____

18. $792 \div 11 =$ _____

19. $13 \times 15 + 1 =$ _____

* 20. $403 \times 701 =$ _____

21. 450000 centimeters = _____ kilometers

22. The least common multiple of 24 and 18 is _____

23. $6\dfrac{1}{2} + 3\dfrac{1}{3} =$ _____ (mixed number)

24. $25 \times 53 =$ _____

25. The smallest prime number greater than 80 is _____

26. $\dfrac{5}{6} \times \dfrac{9}{10} \times \dfrac{2}{3} =$ _____

27. If $4x - 5 = 19$, then $x =$ _____

28. $5\dfrac{1}{2}$ feet = _____ inches

29. Find the reciprocal of 0.05. _____

* 30. $199357 \div 503 =$ _____

31. $5\dfrac{1}{6} \times 1\dfrac{1}{6} =$ _____ (mixed number)

32. How many positive integral divisors does 40 have?
_____

33. 90 quarters = _____ nickels

34. $43 \times 37 =$ _____

35. A shirt normally costs \$45.00. If it is on sale by 20%, what is the new cost? \$ _____

36. The area of a rectangle is 32 square centimeters. If the length is 8 centimeters, what is the width? _____ cm

37. $\dfrac{3}{7} + \dfrac{7}{3} =$ _____ (mixed number)

38. $2.4 \times 2.6 =$ _____ (decimal)

39. $0.64 =$ _____ (fraction)

* 40. $22\dfrac{2}{9}\% \times 723 =$ _____

41. Find the remainder when 17^7 is divided by 5. _____

42. The circumference of a circle is 6π. Its area is $k\pi$.
$k =$ _____

43. $43 \times 34 =$ _____

44. 5, 11, 17, 23, x, y, ... is an arithmetic sequence. Find y. _____

45. $\sqrt{289} =$ _____

46. The legs of a right triangle are 8 and 15. Find its hypotenuse. _____

47. If $3x - 5 < x + 17$, then $x <$ _____

48. How many distinct diagonals does a regular octagon have? _____

49. If $A = \{f, a, n\}$ and $B = \{b, l, a, d, e\}$, then $A \cup B$ has how many elements? _____

* 50. $529 \times 329 =$ _____

51. $97 \times 97 =$ _____

52. A boat sailed 30 miles in 90 minutes. How fast (on average) was the boat traveling? _____ mph

53. The area of a trapezoid whose bases are 4 feet and 6 feet with a height of 7 feet is _____ square feet

54. 47 (base 10) = _____ (base 9)

55. The complement angle to $30°$ is _____ degrees

56. The volume of a box whose dimensions are 6 by 5 by x is 360. Find x. _____

57. $52^2 - 48^2 =$ _____

58. $36 \times 0.6 \div 0.3 =$ _____

59. If three times a number added to seven is the same as one less than four times the number, what is the number? _____

* 60. $12^5 =$ _____

61. $0.5888... =$ _____ (fraction)

62. Find the distance from the origin to the point $(5, -12)$. _____

63. $1^3 + 2^3 + 3^3 + 4^3 + ... + 8^3 =$ _____

64. $5! =$ _____

65. 40% of 72 is 36% of _____

66. A die is rolled once. Find the probability of getting a 1, 3, 5, or 6. _____

67. The volume of a square-based pyramid with base 5 and height 8 is _____

68. $(7^3 \times 5 + 3) \div 11$ has a remainder of _____

69. The sum of the roots of $5x^2 - 4x + 6 = 0$ is _____

* 70. $72\pi^3 =$ _____

71. $\dfrac{15^7}{3^5 \times 5^3} =$ _____

72. How many proper subsets does the set $\{b, o, x, e, s\}$ have? _____

73. The midpoint of the segment whose endpoints are $(-3, 7)$ and $(9, -1)$ is (x, y). Find $x + y$. _____

74. $\dfrac{24 + 32 + 16 + 60}{6 + 8 + 4 + 15} =$ _____

75. The product of the GCD and LCM of 15 and 36 is _____

76. $21^2 + 63^2 =$ _____

77. The lines $y = 3x - 2$ and $y = 2x + 5$ intersect at the point (x, y). Find y. _____

78. $101 \times 176 =$ _____

79. $33\dfrac{1}{3}\%$ of _____ is $1\dfrac{1}{2}$

* 80. $42857 \times 1.4 =$ _____